

TABLES *of* WEIGHTS



CANADA

John Lysaght, Limited
MONTREAL



Tables of Weights
OF
**GALVANIZED and BLACK
STEEL SHEETS**

And other useful information

Issued by

JOHN LYSAGHT LIMITED

Bristol and Newport,

ENGLAND

A. C. LESLIE & CO., Limited

Montreal

Managers Canadian Branch

Introduction

IN publishing this reprint of a booklet issued by us some time ago, we call the attention of all architects, engineers, and iron workers to our brands of Galvanized and Black Sheet Steel. So many brands are now offered, many of them of doubtful quality, that buyers should accept only a make like our own on which they can always rely.

"QUEEN'S HEAD"

STANDARD OF THE WORLD

For over fifty years has held confidence of Canadian buyers as the BEST quality on the market.

It is better now than ever, as the coating which formerly peeled on severe bends, has been toughened to stand such work without making coating lighter.

Every sheet is guaranteed and will be replaced if defective.

It Works and It Wears !

"QUEEN'S HEAD" HAS NO EQUAL

GALVANIZED SHEETS FOR WORKING UP

Table of standard sizes showing approximate weights per lb., per square foot, per sheet, and per bundle (without bands) and the number of sheets per bundle, and per case of about half a ton.

14 Gauge—3.345 lbs. or 53½ oz. per square foot

Size of Sheet	Weight per Sheet	Sheets per Bundle	Weight per Bundle	Sheets per half ton case
6' X 24"	40.14	4	160	27½
6' X 30"	50.17	3	150	22
6' X 36"	60.21	3	180	18
7' X 24"	46.83	4	187	23½
7' X 30"	58.53	3	175	18½
7' X 36"	70.24	2	140	15½
8' X 24"	53.52	3	160	20½
8' X 30"	66.90	3	200	16¼
8' X 36"	80.28	2	160	13½
10' X 24"	66.90	3	200	16¼
10' X 30"	83.62	2	167	13¼
10' X 36"	100.35	2	200	11

16 Gauge—2.62 lbs. or 41.9 oz. per square foot

6' X 24"	31.44	5	157	35¼
6' X 30"	39.30	4	157	28
6' X 36"	47.16	3	141	23¼
7' X 24"	36.68	4	146	30
7' X 30"	45.85	4	183	24¼
7' X 36"	55.02	3	165	20
8' X 24"	41.92	4	167	26¼
8' X 30"	52.40	3	157	21
8' X 36"	62.88	3	188	17¼
10' X 24"	52.40	3	157	21
10' X 30"	65.50	3	196	16½
10' X 36"	78.60	2	157	13¾

GALVANIZED SHEETS FOR WORKING UP

—Continued

18 Gauge—1.95 lbs. or 31.2 oz. per square foot

Size of Sheet	Weight per Sheet	Sheets per Bundle	Weight per Bundle	Sheets per half ton case
6' X 24"	23.40	7	163	47
6' X 30"	29.25	5	146	37 $\frac{3}{4}$
6' X 36"	35.10	4	140	31 $\frac{1}{4}$
7' X 24"	27.30	6	163	40 $\frac{1}{2}$
7' X 30"	34.12	5	170	32 $\frac{1}{4}$
7' X 36"	40.95	4	163	27
8' X 24"	31.20	5	156	35 $\frac{1}{2}$
8' X 30"	39.00	4	156	28 $\frac{1}{4}$
8' X 36"	46.80	3	140	23 $\frac{1}{2}$
10' X 24"	39.00	4	156	28 $\frac{1}{4}$
10' X 30"	48.75	3	146	22 $\frac{3}{4}$
10' X 36"	58.50	3	175	18 $\frac{3}{4}$

20 Gauge—1.61 lbs. or 25 $\frac{3}{4}$ oz. per square foot

6' X 24"	19.32	8	154	57 $\frac{1}{2}$
6' X 30"	24.15	7	169	45 $\frac{3}{4}$
6' X 36"	28.98	6	173	38
7' X 24"	22.54	7	157	49
7' X 30"	28.17	6	169	39
7' X 36"	33.81	5	169	32 $\frac{3}{4}$
8' X 24"	25.76	6	154	43
8' X 30"	32.20	5	161	34 $\frac{1}{4}$
8' X 36"	38.64	4	154	28 $\frac{1}{2}$
10' X 24"	32.20	5	161	34 $\frac{1}{4}$
10' X 30"	40.25	4	161	27 $\frac{1}{2}$
10' X 36"	48.30	3	144	22 $\frac{1}{2}$

"QUEEN'S HEAD" EVERY SHEET BRANDED

GALVANIZED SHEETS FOR WORKING UP
—Continued

22 Gauge—1.24 lbs. or 19.8 oz. per square foot

Size of Sheet	Weight per Sheet	Sheets per Bundle	Weight per Bundle	Sheets per half ton case
6' X 24"	14.88	11	163	74½
6' X 30"	18.60	8	148	59½
6' X 36"	22.32	7	156	49½
7' X 24"	17.36	9	156	64
7' X 30"	21.70	7	151	51
7' X 36"	26.04	6	156	42½
8' X 24"	19.84	8	158	56
8' X 30"	24.80	6	148	44½
8' X 36"	29.76	5	148	37
10' X 24"	24.80	6	148	44½
10' X 30"	31.00	5	155	35½
10' X 36"	37.20	4	148	29½

24 Gauge—1.055 lbs. or 16.9 oz. per square foot

6' X 24"	12.66	12	151	87
6' X 30"	15.87	9	142	70
6' X 36"	18.99	8	151	58
7' X 24"	14.77	10	147	75
7' X 30"	18.46	8	147	60
7' X 36"	22.15	7	155	50
8' X 24"	16.88	9	151	65¾
8' X 30"	21.10	7	147	52½
8' X 36"	25.32	6	151	43¾
10' X 24"	21.10	7	147	52½
10' X 30"	26.37	6	158	42
10' X 36"	31.65	5	158	34½

"QUEEN'S HEAD" ADVERTISES ITSELF

GALVANIZED SHEETS FOR WORKING UP

—Continued

25 Gauge—0.9 lbs. or 14.4 oz. per square foot

Size of Sheet	Weight per Sheet	Sheets per Bundle	Weight per Bundle	Sheets per half ton case
6' X 24''	10.80	14	151	103
6' X 30''	13.50	11	148	82½
6' X 36''	16.20	9	145	68½
7' X 24''	12.60	12	151	88
7' X 30''	15.75	9	141	70½
7' X 36''	18.90	8	151	58½
8' X 24''	14.40	10	144	77
8' X 30''	18.00	8	144	61½
8' X 36''	21.60	7	151	51
10' X 24''	18.00	8	144	61½
10' X 30''	22.50	7	157	49
10' X 36''	27.00	6	162	41

26 Gauge—0.75 lbs. or 12 oz. per square foot

6' X 24''	9.00	17	153	123
6' X 30''	11.25	13	146	98
6' X 36''	13.50	11	148	82
7' X 24''	10.50	14	147	105½
7' X 30''	13.12	12	157	84½
7' X 36''	15.75	10	157	70½
8' X 24''	12.00	12	144	92
8' X 30''	15.00	10	150	74
8' X 36''	18.00	8	144	61½
10' X 24''	15.00	10	150	74
10' X 30''	18.75	8	150	58½
10' X 36''	22.50	7	157	49

"QUEEN'S HEAD" ALWAYS THE SAME

GALVANIZED SHEETS FOR WORKING UP —Continued

28 Gauge—0.671 lbs. or 10 $\frac{1}{4}$ oz. per square foot

Size of Sheet	Weight per Sheet	Sheets per Bundle	Weight per Bundle	Sheets per half ton case
6' X 24"	8.05	19	152	137 $\frac{1}{2}$
6' X 30"	10.06	15	150	110
6' X 36"	12.07	13	157	92
7' X 24"	9.39	16	150	118
7' X 30"	11.74	13	149	94
7' X 36"	14.09	11	155	78 $\frac{1}{2}$
8' X 24"	10.73	14	150	103
8' X 30"	13.42	11	147	82
8' X 36"	16.10	9	144	68
10' X 24"	13.42	11	147	82
10' X 30"	16.77	9	150	66
10' X 36"	20.13	8	161	55

Insist on getting "QUEEN'S HEAD." No other is "Just as Good."

“REDCLIFFE”



Corrugating
Sheets

"Redcliffe" Brand



Has a beautiful bright finish,
is more heavily coated than
other makes, is soft, true to
gauge, and in all respects
suitable for corrugating.
For an honest, durable roof-
ing sheet, specify

"REDCLIFFE"

"LYSAGHT'S" IRON—UNIFORM IN WEIGHT

AVERAGE WEIGHT PER SHEET, IN LBS., CORRUGATED

Length	18 Gauge	20 Gauge	22 Gauge	24 Gauge	26 Gauge	28 Gauge
5 feet	29 $\frac{1}{4}$	24	19 $\frac{3}{4}$	15 $\frac{1}{2}$	11 $\frac{1}{4}$	9 $\frac{3}{4}$
6 "	35	29	23 $\frac{3}{4}$	18 $\frac{3}{4}$	13 $\frac{1}{2}$	11 $\frac{1}{2}$
7 "	41	34	27 $\frac{1}{2}$	22	15 $\frac{3}{2}$	13 $\frac{1}{2}$
8 "	47	38 $\frac{1}{2}$	31 $\frac{1}{2}$	26	18	15 $\frac{1}{2}$
9 "	52 $\frac{1}{2}$	43 $\frac{1}{2}$	35 $\frac{1}{2}$	28	20 $\frac{1}{4}$	17 $\frac{1}{4}$
10 "	58 $\frac{1}{2}$	48 $\frac{1}{2}$	39 $\frac{1}{2}$	31 $\frac{1}{4}$	22 $\frac{1}{2}$	19 $\frac{1}{4}$

This table applies to sheets of ten 2 $\frac{1}{2}$ inch corrugations, measuring about 33 inches wide, over all.

WEIGHTS PER SQUARE OF "ORB" AND "REDCLIFFE" CORRUGATED IRON

18G	20G	22G	24G	26G	28G
215	177	146	118	84	71 $\frac{1}{2}$

Particular attention is drawn to these weights, which will be found much lower than cheaper sheets of other makes.

While above weights are not guaranteed, they can, always be depended upon.

These weights are for 100 square feet, Corrugated without allowance for laps.



"Southern Cross"

and

"Globe"



Steel Sheets

BLACK SHEETS

"SOUTHERN CROSS" C.R.C.A.

Dead Flat Sheets, free from scale, smooth finish, of best working up quality.

"GLOBE" (Close Annealed).

Not quite equal to "Southern Cross", but also free from buckles and scale and much superior to other sheets sold as same grade.

MOTOR BODY—SILVER FINISH.

A very smooth, bright finish, dead flat and suitable for deep drawing. Used for Motor Bodies, Fenders, etc. also other work where exceptional finish is required.

A variety of other special grades also produced for Metal Furniture, Vitreous Enamelling and other particular classes of work.

"GLOBE"—SOFT AND FREE FROM SCALE

LIST OF STANDARD SIZES OF BLACK SHEETS

Showing weights per square foot, and approximate weights per sheet, based upon B.G. weights of steel.

GAUGE.....	10	11	12	13	14
Weight per square ft.	lbs. 5.1 oz. 81.6	lbs. 4.54 oz. 72.6	lbs. 4.04 oz. 64.6	lbs. 3.59 oz. 57.5	lbs. 3.20 oz. 51.2
Size and Weight per sheet	lbs.	lbs.	lbs.	lbs.	lbs.
72" X 24"	61.2	54.48	48.48	43.08	38.40
72" X 26"	66.3	59.02	52.52	46.67	41.60
72" X 28"	71.4	63.56	56.56	50.26	44.80
72" X 30"	76.5	68.10	60.60	53.85	48.00
72" X 36"	91.8	81.72	72.72	64.62	57.60
84" X 24"	71.4	63.56	56.56	50.26	44.80
84" X 30"	89.25	79.45	70.70	62.82	56.00
84" X 36"	107.1	95.34	84.84	75.39	67.20
96" X 24"	81.6	72.64	64.64	57.44	51.20
96" X 30"	102.0	90.80	80.80	71.80	64.00
96" X 36"	122.4	108.96	96.96	86.16	76.80
101" X 24"	85.78	76.36	67.95	60.38	53.82
101" X 30"	107.25	95.47	84.96	75.49	67.29
101" X 36"	128.77	114.63	102.00	90.64	80.80
108" X 24"	91.8	81.72	72.72	64.62	57.60
108" X 30"	114.75	102.15	90.90	80.77	72.00
108" X 36"	137.7	122.58	109.08	96.93	86.40
120" X 24"	102.0	90.80	80.80	71.80	64.00
120" X 30"	127.5	113.50	101.00	89.75	80.00
120" X 36"	153.0	136.20	121.20	107.70	96.00

LIST OF STANDARD SIZES OF BLACK SHEETS
—Continued

GAUGE.....	15	16	17	18	19
Weight per square ft.	lbs. 2.85 oz. 45.6	lbs. 2.55 oz. 40.8	lbs. 2.26 oz. 36.2	lbs. 2.02 oz. 32.3	lbs. 1.79 oz. 28.6
Size and Weight per sheet	lbs.	lbs.	lbs.	lbs.	lbs.
72" X 24"	34.20	30.60	27.12	24.24	21.48
72" X 26"	37.05	33.15	29.38	26.26	23.27
72" X 28"	39.90	35.70	31.64	28.28	25.06
72" X 30"	42.75	38.25	33.90	30.30	26.85
72" X 36"	51.30	45.90	40.68	36.36	32.22
84" X 24"	39.90	35.70	31.64	28.28	25.06
84" X 30"	49.87	44.62	39.55	35.35	31.32
84" X 36"	59.85	53.55	47.46	42.42	37.59
96" X 24"	45.60	40.80	36.16	32.32	28.64
96" X 30"	57.00	51.00	45.20	40.40	35.80
96" X 36"	68.40	61.20	54.24	48.48	42.96
101" X 24"	47.93	42.89	38.01	33.97	30.10
101" X 30"	59.93	53.62	47.52	42.48	37.64
101" X 36"	71.96	64.38	57.06	51.00	45.19
108" X 24"	51.30	45.90	40.68	36.36	32.22
108" X 30"	64.12	57.37	50.85	45.45	40.27
108" X 36"	76.95	68.85	61.02	54.54	48.33
120" X 24"	57.00	51.00	45.20	40.40	35.80
120" X 30"	71.25	63.75	56.50	50.50	44.75
120" X 36"	85.50	76.50	67.80	60.60	53.70

LIST OF STANDARD SIZES OF BLACK SHEETS
—Continued

GAUGE.....	20	21	22	23	24
Weight per square ft.	lbs. 1.59 oz. 25.4	lbs. 1.41 oz. 22.6	lbs. 1.27 oz. 20.3	lbs. 1.13 oz. 18.1	lbs. 1.01 oz. 16.2
Size and Weight per sheet	lbs.	lbs.	lbs.	lbs.	lbs.
72" X 24"	19.08	16.92	15.24	13.56	12.12
72" X 26"	20.67	18.33	16.51	14.69	13.13
72" X 28"	22.26	19.74	17.78	15.82	14.14
72" X 30"	23.85	21.15	19.05	16.95	15.15
72" X 36"	28.62	25.38	22.86	20.34	18.18
84" X 24"	22.26	19.74	17.78	15.82	14.14
84" X 30"	27.82	24.67	22.22	19.77	17.67
84" X 36"	33.39	29.61	26.67	23.73	21.21
96" X 24"	25.44	22.56	20.32	18.08	16.16
96" X 30"	31.80	28.20	25.40	22.60	20.20
96" X 36"	38.16	33.84	30.48	27.12	24.24
101" X 24"	26.74	23.71	21.36	19.00	16.98
101" X 30"	33.43	29.65	26.70	23.76	21.24
101" X 36"	40.14	35.60	32.06	28.53	25.50
108" X 24"	28.62	25.38	22.86	20.34	18.18
108" X 30"	35.77	31.72	28.57	25.42	22.72
108" X 36"	42.93	38.07	34.29	30.51	27.27
120" X 24"	31.80	28.20	25.40	22.60	20.20
120" X 30"	39.75	35.25	31.75	28.25	25.25
120" X 36"	47.70	42.30	38.10	33.90	30.30

MOTOR BODY SHEETS for Exceptional Work

LIST OF STANDARD SIZES OF BLACK SHEETS —Continued—

GAUGE	25	20	17	18	29
Weight per square ft.	lbs. 0.89 oz. 14 1/4	lbs. 0.79 oz. 12 6/8	lbs. 0.70 oz. 11 1/2	lbs. 0.63 oz. 10 1/4	lbs. 0.56 oz. 9 0/8
Size and Weight per sheet	lbs.	lbs.	lbs.	lbs.	lbs.
72" X 24"	10.68	9.48	8.40	7.57	6.72
72" X 30"	11.57	10.27	9.10	8.19	7.28
72" X 36"	12.46	11.06	9.80	8.82	7.84
72" X 48"	13.35	11.85	10.50	9.45	8.40
72" X 60"	16.02	14.22	12.60	11.34	10.08
84" X 24"	12.46	11.06	9.80	8.82	7.84
84" X 30"	15.57	13.82	12.25	11.02	9.80
84" X 36"	18.69	16.59	14.70	13.23	11.76
96" X 24"	14.24	12.64	11.20	10.08	8.96
96" X 30"	17.80	15.80	14.00	12.60	11.20
96" X 36"	21.36	18.96	16.80	15.12	13.44
101" X 24"	14.96	13.28	11.77	10.59	9.50
101" X 30"	18.71	16.61	14.72	13.24	11.77
101" X 36"	22.47	19.94	17.67	15.90	14.14
108" X 24"	16.02	14.22	12.60	11.34	10.08
108" X 30"	20.03	17.77	15.75	14.17	12.60
108" X 36"	24.03	21.33	18.90	17.01	15.12
120" X 24"	17.80	15.80	14.00	12.60	11.20
120" X 30"	22.25	19.75	17.50	15.75	14.00
120" X 36"	26.70	23.70	21.00	18.90	16.80

ELECTRICAL SHEETS and Other Special Grades

LIST OF STANDARD SIZES OF BLACK SHEET— —Continued

GAUGE.....	30	.....	.....	.....	.....
Weight per square ft.	lbs. 0.51 oz. 8.20	.....	.....	.....	.....
Size and Weight per sheet	lbs.				
72" X 24"	6.12	.....	.....	.....	.....
72" X 26"	6.63	.....	.....	.....	.....
72" X 28"	7.14	.....	.....	.....	.....
72" X 30"	7.65	.....	.....	.....	.....
72" X 36"	9.18	.....	.....	.....	.....
84" X 24"	7.14	.....	.....	.....	.....
84" X 30"	8.92	.....	.....	.....	.....
84" X 36"	10.71	.....	.....	.....	.....
96" X 24"	8.16	.....	.....	.....	.....
96" X 30"	10.20	.....	.....	.....	.....
96" X 36"	12.24	.....	.....	.....	.....
101" X 24"	8.57	.....	.....	.....	.....
101" X 30"	10.72	.....	.....	.....	.....
101" X 36"	12.87	.....	.....	.....	.....
108" X 24"	9.18	.....	.....	.....	.....
108" X 30"	11.47	.....	.....	.....	.....
108" X 36"	13.77	.....	.....	.....	.....
120" X 24"	10.20	.....	.....	.....	.....
120" X 30"	12.75	.....	.....	.....	.....
120" X 36"	15.30	.....	.....	.....	.....

**NUMBER OF GALLONS CONTAINED IN
CIRCULAR TANKS**

Diameter	When the Depth is							
	3 ft.	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.
4 feet.....	234	312	390	468	546	624	702	780
5 "	363	484	605	726	847	968	1089	1210
6 "	515	700	875	1050	1230	1400	1545	1750
7 "	720	960	1200	1440	1680	1920	2160	2400
8 "	933	1244	1555	1866	2177	2488	2799	3110
9 "	1185	1480	1975	2370	2765	2960	3555	3950
10 "	1464	1952	2440	2928	3416	3904	4392	4880
11 "	1776	2368	2960	3552	4144	4736	5326	5928
12 "	2112	2816	3520	4224	4928	5632	6336	7040

**HOW TO CALCULATE APPROXIMATELY THE
CONTENTS OF SQUARE, RECTANGULAR
AND CIRCULAR TANKS**

Square or Rectangular—Multiply the length by the breadth and the product by the depth; the result multiplied by $6\frac{1}{4}$ will give the contents in gallons.

Example:—Tank 4 feet long, 4 feet high, 5 feet deep.

$$4 \times 4 = 16 \times 5 = 80 \times 6\frac{1}{4} = 500 \text{ gallons.}$$

Circular—Multiply the diameter by itself, then multiply the product by the depth, and the result by 5.

Example:—Tank 5 feet diameter, 6 feet deep.

$$5 \times 5 = 25 \times 6 = 150 \times 5 = 750 \text{ gallons.}$$

Water—A cubic foot of water contains nearly $6\frac{1}{4}$ gallons (6.2321) and weighs a fraction over 62 pounds.

FLUXES FOR SOLDERING

Tinned Iron.....Resin or Spirits of Salts.
Copper and Brass...Sal Ammoniac or Spirits of Salts.
Zinc.....Spirits of Salts.
Lead.....Resin.

SHEET COPPER AND BRASS OF ALL KINDS

WEIGHTS OF SHEET COPPER

The equivalents in weight of the various Gauges are as follows:—

STUBS GAUGE

No.	Per Square Foot	No.	Per Square Foot
1	14 lbs. 0 oz.	16	3 lbs. 0 oz.
2	13 lbs. 0 oz.	17	2 lbs. 12 oz.
3	12 lbs. 0 oz.	18	2 lbs. 4 oz.
4	11 lbs. 0 oz.	19	2 lbs. 0 oz.
5	10 lbs. 2 oz.	20	1 lb. 12 oz.
6	9 lbs. 8 oz.	21	1 lb. 8 oz.
7	8 lbs. 8 oz.	22	1 lb. 6 oz.
8	7 lbs. 10 oz.	23	1 lb. 2 oz.
9	7 lbs. 0 oz.	24	1 lb. 0 oz.
10	6 lbs. 4 oz.	25	15 oz.
11	5 lbs. 8 oz.	26	14 oz.
12	5 lbs. 0 oz.	27	12 oz.
13	4 lbs. 8 oz.	28	11 oz.
14	4 lbs. 0 oz.	29	10 oz.
15	3 lbs. 8 oz.	30	9 oz.

SUBSTANCE OF COPPER SHEETS

48 in. × 24 in. ×	8 lbs.	24 W.G.
"	10 lbs.	23 W.G. full.
"	12 lbs.	21 W.G.
"	14 lbs.	20 W.G.
"	16 lbs.	19 W.G.
"	18 lbs.	18 W.G.
"	24 lbs.	16 W.G.

PIG AND SHEET LEAD

WEIGHT OF LEAD PIPE IN POUNDS PER YARD

Diam.	Extra Light	Light	Medium	Strong	Extra Strong
In.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
$\frac{1}{4}$	3	4	4 $\frac{1}{2}$	5-6	7-8
$\frac{3}{8}$	4 $\frac{1}{4}$	5	6	7	8-9
$\frac{1}{2}$	5	6	7	8	9-10
1	5 $\frac{1}{2}$	7	8 $\frac{1}{2}$	10	11-12
1 $\frac{1}{4}$	6	8	10	12	14
1 $\frac{1}{2}$	10	11	12	14	16-18
1 $\frac{3}{4}$	13	14	16	18	20
2	16	18	20	22	24

THICKNESS OF SHEET LEADS

2 lbs. per square foot.	0.14 inches
3	0.51
4	0.68
5	0.85
6	1.02
8	1.36
10	1.70
12	2.04

"DOMINION CROWN" B.B. CHARCOAL

WEIGHT IN LBS. OF VARIOUS SIZES OF TINPLATES

SIZE	SHEETS	LIGHTS			IC	IX	Equivalent 112 Sheets 14 X 20
14 X10 14 X20	225 112	90	95	100	108	136	
10 X10	225	64	68	71	77	97	316
10 X20	225	129	136	143	154	194	158
11 X11	225	78	82	86	93	118	250
11 X22	225	156	164	173	187	235	125
11½ X23	225	166	175	189	203	256	119
12 X12	225	93	98	103	111	140	218
12 X20	225	154	164	172	186	233	131
12 X24	112	93	98	103	111	140	109
13 X13	225	109	115	121	130	164	186
13 X19½	112	81	86	91	98	123	123
13½ X19¼	112	84	89	93	100	126	121
13½ X19½	112	85	90	94	102	128	119
14 X14	225	126	133	140	151	190	161
14 X18	225	162	170	180	194	245	126
14 X18¾	124	92	97	102	110	140	121
14 X19¼	120	93	98	103	111	141	116
14 X21	112	95	100	105	113	143	107
14 X22	112	99	105	110	119	150	102
14 X28	112	125	133	140	151	191	81
15 X15	225	145	153	161	174	219	140

BEST QUALITY REDIPPED TINPLATES

WEIGHT IN LBS. OF VARIOUS SIZES OF TINPLATES—Continued

SIZES	SHEETS	LIGHTS			IC	IX	Equivalent 112 Sheets 14 X 20
15 X 20	112	96	102	107	117	146	105
16 X 16	225	165	174	183	197	249	123
17 X 17	112	93	98	103	111	140	109
18 X 18	112	104	110	116	125	157	96
18 X 21	112	122	128	135	146	184	83
18 X 24	112	139	147	154	167	210	73
19 X 19	112	116	122	129	139	175	87
20 X 20	112	129	136	143	154	194	78
20 X 29	112	186	197	207	224	282	54
20 X 30	112	192	204	214	234	292	52
20 X 33	112	212	224	236	254	320	47
20 X 36	112	232	244	257	277	350	44
20 X 39	112	250	264	278	300	380	40
21 X 21	112	142	150	158	170	214	71
22 X 22	112	156	164	173	187	235	65
23 X 23	112	170	179	189	204	257	59
24 X 24	112	185	195	206	222	280	54

SIZE	Sheets	DC	DX	DXX	DXXX	DXXXX
12½ X 17	100	94	122	143	164	185

While we cannot guarantee the tables in this book to be absolutely correct, we have compiled same from the most reliable sources and taken every care to have them free from errors.

BLACK AND POLISHED CANADA PLATES

TINPLATE WEIGHTS—NET AND GROSS

Nominally, a box of IC 14 X 20, 112 sheets, weighs 108 lbs, net, but actually 107 lbs. is a very good average weight, though good Charcoal plates should run rather heavier. The following tables give approximate net and gross weight of the standard sizes:—

SUBSTANCE	SIZE	Sheets	Net Wgt.	Gross Wgt.	Thick- ness on B.G.
ICL 80 lbs....	14 X 20	112	80	86	32.5
" 85 lbs....	14 X 20	112	85	91	32.1
" 90 lbs....	14 X 20	112	90	96	31.6
" 95 lbs....	14 X 20	112	95	102	31.1
" 100 lbs....	14 X 20	112	100	107	30.6
IC.....	{ 14 X 20 20 X 28 }	{ 112 56 }	107	{ 114 116 }	30.
IX.....	{ 14 X 20 20 X 28 }	{ 112 56 }	135	{ 143 146 }	28.1
IXX.....	{ 14 X 20 20 X 28 }	{ 112 56 }	156	{ 165 168 }	26.8
IXXX.....	{ 14 X 20 20 X 28 }	{ 112 56 }	177	{ 186 188 }	25.8
IXXXX.....	{ 14 X 20 20 X 28 }	{ 112 56 }	198	{ 206 208 }	24.8
Tin Taggers 32G	14 X 20	128	112	117	30.8
" 34G	14 X 20	150	112	117	32.2
" 36G	14 X 20	180	112	117	33.7
" 38G	14 X 20	225	112	117	35.6
Black " 32G	20 X 40	89-90	224	230	.....
" 34G	20 X 40	103-4	224	230	.....
" 36G	20 X 40	124-5	224	230	.....
" 38G	20 X 40	154-5	224	230	.....
" 36G	20 X 28	180	224	230	.....
" 38G	20 X 28	224	224	230	.....
Canada Plates..	18 X 24	52	112	112	27.
" ..	18 X 24	60	112	112	28.4
" ..	18 X 24	75	112	112	30.2
" ..	18 X 24	85	112	112	31.4

HEADQUARTERS for SHEET ZINC and SPELTER

SHEET ZINC

Approximate Weight and Thickness.

THICKNESS			Weight per Square foot in lbs.	American Zinc Gauge		26 in. x 96 in.	
A. M. S. Zinc Gauge	Decimals of an inch	Imperial Stan. Wire Gauge		Square foot in lbs.	Thickness in inches	Weight of Sheet in lbs.	Sheets per 560 lbs.
							ABOUT
3	.007	37	25	12	.006	5.91	94
4	.008	36	30	30	.008	7.22	77
5	.010	33	35	37	.010	8.54	65
6	.011	32	42	45	.012	10.03	55
7	.013	29	48	52	.014	11.62	48
8	.015	27	56	60	.016	13.31	42
9	.018	26	65	67	.018	15.47	36
10	.020	25	72	75	.020	17.16	32
11	.023	23	83	90	.024	19.97	28
12	.026		93	1.05	.028	22.70	25
13	.029	22	1.06	1.20	.032	25.41	22
14	.032	21	1.17	1.35	.036	28.13	20
15	.038	20	1.36	1.50	.040	32.62	17
16	.043	19	1.55	1.68	.045	37.13	15
17	.048	18	1.73	1.87	.050	41.54	14
18	.053		1.92	2.06	.055	46.03	12
19	.058	17	2.11	2.25	.060	50.54	11
20	.063	16	2.29	2.62	.070	54.92	10
21	.070	15	2.53	3.00	.080	61.13	9
22	.077	14	2.80	3.37	.090	67.31	8
23	.084		3.07	3.73	.100	73.56	7 1/2
24	.091	13	3.32	4.70	.125	79.56	7
25	.098		3.58	9.40	.250	85.55	6 1/2
26	.105	12	3.84	14.00	.375	92.55	6

USES OF DIFFERENT GAUGES

Birmingham Gauge—or New Birmingham Gauge

B.G. It is the standard in Great Britain and Canada for sheets and hoops, and unless specially agreed upon, British sheets and hoops are rolled to this gauge.

British Imperial Wire Gauge, W. G. or S. W. G.—

It is used throughout Britain and by Canadian wire mills for gauging wire and is the Canadian Customs standard for Wire, Sheets and Hoops. Also used for Tubes, Copper and Brass Sheets.

Stubs or Warrington Wire Gauge.—Largely used by wire makers, especially in the U.S.

Brown & Sharpe or American Standard Wire

Gauge.—The standard of the brass makers in the U.S., and largely used for gauging sheets and wire for electrical purposes in the U.S. and Canada.

American Steel and Wire—formerly Washburn &

Moen.—Used by American Wire makers as the standard for all ordinary Iron and Steel Wire.

U.S. Standard Plate and Sheet Gauge.—This

gauge is the Standard for Iron and Steel Plates and Sheets in the U.S. It is very similar to the B.G. in leading numbers.

"QUEEN'S HEAD" Has Stood Final Test: WEAR

COMPARISON OF DIFFERENT GAUGES IN USE

Gauge No.	Birmingham Gauge	British Imperial Standard	Stubs	Brown & Sharpe	American S. & W. (Washburn & Moen)	U.S. Standard Plate and Sheet	Gauge No.
0	.3964	.324	.340	.3249	.3065	.3125	0
1	.3532	.300	.300	.2893	.2830	.2813	1
2	.3147	.276	.284	.2576	.2625	.2656	2
3	.2804	.252	.259	.2294	.2437	.25	3
4	.250	.232	.238	.2043	.2253	.2344	4
5	.2225	.212	.220	.1819	.2070	.2188	5
6	.1981	.192	.203	.1620	.1920	.2031	6
7	.1764	.176	.180	.1443	.1770	.1875	7
8	.1570	.160	.165	.1285	.1620	.1719	8
9	.1398	.144	.148	.1144	.1483	.1563	9
10	.1250	.128	.134	.1019	.1350	.1406	10
11	.1113	.116	.120	.0907	.1205	.125	11
12	.0991	.104	.109	.0808	.1055	.1094	12
13	.0882	.092	.095	.0720	.0915	.0938	13
14	.0785	.080	.083	.0641	.0800	.0781	14
15	.0699	.072	.072	.0571	.0720	.0703	15
16	.0625 ¹ / ₁₆	.064	.065	.0508	.0625	.0625	16
17	.0556	.056	.058	.0453	.0540	.0563	17
18	.0495	.048	.049	.0403	.0475	.05	18
19	.0440	.040	.042	.0359	.0410	.0438	19
20	.0392	.036	.035	.0320	.0348	.0375	20
21	.0349	.032	.032	.0285	.03175	.0344	21
22	.03125	.028	.028	.0253	.0286	.0313	22
23	.02782	.024	.025	.0226	.0258	.0281	23
24	.02476	.022	.022	.0201	.0230	.025	24
25	.02204	.020	.020	.0179	.0204	.0219	25
26	.01961	.018	.018	.0159	.0181	.0188	26
27	.01745	.0164	.016	.0142	.0173	.01719	27
28	.015625	.0148	.014	.0126	.0162	.01563	28
29	.0139	.0136	.013	.0113	.0150	.01406	29
30	.0123	.0124	.012	.01003	.0140	.0125	30
31	.0110	.0116	.010	.00893	.0132	.01094	31
32	.0098	.0108	.009	.00795	.0128	.01016	32
33	.0087	.0100	.008	.00708	.0118	.00938	33
34	.0077	.0092	.007	.00603	.0104	.00859	34
35	.0069	.0084	.005	.00561	.0095	.00781	35
36	.0061	.0076	.004	.00500	.0090	.00703	36

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